BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF MARRIAGE COMMUNITY HALL

MEASUREMENT SHEET - 2ND & Part Bill

Agency	Sri H.V.Onkarappa Class-1 PWD Contractor,#27,Taralabalu Enclave,Near Police Station,Yelahanka,Bangalore-64

Measurements		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Chainage									
From	To								
Item No 10		Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (First Floor)							
		A1	cum	1	0.2	0.5	2.5	0.3	
		A2	cum	1	0.2	0.5	2.5	0.3	
		A3	cum	1	0.2	0.5	2.5	0.3	
		A4	cum	1	0.2	0.5	2.5	0.3	
		A5	cum	1	0.2	0.5	2.5	0.3	
		B1	cum	1	0.2	0.6	2.5	0.3	
		B2	cum	1	0.2	0.6	2.5	0.3	
		B3	cum	1	0.2	0.6	2.5	0.3	
		B4	cum	1	0.2	0.6	2.5	0.3	
		B5	cum	1	0.2	0.6	2.5	0.3	
		C1	cum	1	0.2	0.5	2.5	0.3	
		C5	cum	1	0.2	0.5	2.5	0.3	
		C5	cum	1	0.2	0.5	2.5	0.3	
		D1	cum	1	0.2	0.6	2.5	0.3	
		D2	cum	1	0.2	0.6	2.5	0.3	
		D3	cum	1	0.2	0.6	2.5	0.3	
		D4	cum	1	0.2	0.6	2.5	0.3	
		D5	cum	1	0.2	0.6	2.5	0.3	
		E1	cum	1	0.2	0.5	2.5	0.3	
		E2	cum	1	0.2	0.5	2.5	0.3	
		E3	cum	1	0.2	0.5	2.5	0.3	
		E4	cum	1	0.2	0.5	2.5	0.3	
		E5	cum	1	0.2	0.5	2.5	0.3	
		B6	cum	1		0.13	2.7	0.3	
		C6	cum	2		0.13	2.7	0.7	
		D6	cum	1		0.13	2.7	0.3	

CONTRACTOR

PMC

RUDRAPRASAD CONSULTANTS BANGALORE

ASSISTANT ENGINEER

22/10/2011

ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF MARRIAGE COMMUNITY HALL

MEASUREMENT SHEET - 2ND & Part Bill

Agency		Sri H.V.Onkarappa Class-1 PWD Contractor,#27,Taralabalu Enclave,Near Police Station,Yelahanka,Bangalore-64							
Measurements		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Chainage									
From	To								
		Roof Beams							
		FB1							
		Along grid 4	cum	1	21.00	0.2	0.50	2.10	
		Between grid 3-4	cum	1	21.00	0.2	0.50	2.10	
		Beyond grid 4	cum	1	21.00	0.2	0.50	2.10	
		Along grid 1	cum	1	21.00	0.2	0.50	2.10	
		Between grid 1-2	cum	1	18.45	0.2	0.50	1.85	
		Beyond grid 1	cum	1	21.00	0.2	0.50	2.10	
		FB2							
		Along grid 2-2	cum	1	21.00	0.2	0.50	2.10	
		Along grid 3-3	cum	1	21.00	0.2	0.50	2.10	
		FB3							
		Along grid A5-E5	cum	1	19.10	0.2	0.50	1.91	
		FB4							
		Along grid A1-E1	cum	1	19.10	0.2	0.50	1.91	
		FB5							
		Along grid A4-E4	cum	1	19.10	0.3	0.60	3.44	
		FB6							
		Along grid A2-B2	cum	1	5.52	0.30	0.60	0.99	
		Along grid D2-E2	cum	1	5.52	0.30	0.60	0.99	
		Along grid A3-B3	cum	1	5.52	0.30	0.60	0.99	
		Along grid D3-E3	cum	1	5.52	0.30	0.60	0.99	
		FB6S							
		Btw A2-B2_A3-B3	cum	1	3.3	0.2	0.5	0.33	
		FB7							
		Btw 2-3	cum	1	8.5	0.2	0.6	1.02	
		PRB1	cum	2	5.2	0.4	0.3	1.25	
		PRB1 checked	cum	1	3.8	0.4	0.3	0.46	
		CB	cum	1	3.8	0.4	0.15	0.23	
		roof slab 20/11/19	cum	1	21.05	19.00	0.11	43.99	
		deductions							
		for staircase	cum	1	3.60	3.30	0.11	-1.31	
		cutout	cum	1	16.3	8	0.11	-14.34	
		Staircase							
		Waist slab	cum	2	1.20	2.40	0.20	1.152	
			cum	1	1.20	0.60	0.20	0.144	
		Rise and threads	cum	20	1.20		0.02	0.54	
					triangular area 0.5*0.3*0.15=0.022				
		landing	cum	2	1.20	1.20	0.15	0.432	
		roof slab	cum	1	5.3	3.40	0.15	2.703	

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RUDRAPRASAD CONSULTANTS BANGALORE

ASSISTANT ENGINEER

22/10/19 20/11

ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF MARRIAGE COMMUNITY HALL

MEASUREMENT SHEET - 2ND & Part Bill

Agency	Sri H.V.Onkarappa Class-1 PWD Contractor,#27,Taralabalu Enclave,Near Police Station,Yelahanka,Bangalore-64

Measurements		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Chainage									
From	To								
Item No 11		Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum and fine aggregates @ 0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in Ground Floor Level for Roof Slabs, Staircase, Lintels and Beams, retaining walls, return walls, Walls (any thickness) including attached pilasters, columns, pillars, posts, struts, buttresses, string or lacing courses, Parapets, Coping, bed blocks, anchor blocks, Plain Window Cills, Fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. (second Floor)							
		Roof Beams							
		FB1							
		Along grid 4	cum	1	21.00	0.2	0.50	2.10	
		Beyond grid 4	cum	1	21.00	0.2	0.50	2.10	
		Along grid 1	cum	1	21.00	0.2	0.50	2.10	
		Beyond grid 1	cum	1	21.00	0.2	0.50	2.10	
		Btw 2-3	cum	3	21.00	0.2	0.5	6.30	
		FB2							
		Along grid 2-2	cum	1	21.00	0.2	0.50	2.10	
		Along grid 3-3	cum	1	21.00	0.2	0.50	2.10	
		FB3							
		Along grid A5-E5	cum	1	19.10	0.2	0.50	1.91	
		FB4							
		Along grid A1-E1	cum	1	19.10	0.2	0.50	1.91	
		FB5							
		Along grid A4-E4	cum	1	19.10	0.3	0.60	3.44	
		Along grid A2-E2	cum	1	19.10	0.30	0.60	3.44	
		Along grid A3-E3	cum	1	19.10	0.30	0.60	3.44	
		FB6S							
		Staircase beam	cum	1	3.3.	0.20	0.50	0.10	
		A1	cum	1	0.2	0.5	2.5	0.3	
		A2	cum	1	0.2	0.5	2.5	0.3	
		A3	cum	1	0.2	0.5	2.5	0.3	
		A4	cum	1	0.2	0.5	2.5	0.3	
		A5	cum	1	0.2	0.5	2.5	0.3	
		B1	cum	1	0.2	0.6	2.5	0.3	
		B2	cum	1	0.2	0.6	2.5	0.3	
		B3	cum	1	0.2	0.6	2.5	0.3	
		B4	cum	1	0.2	0.6	2.5	0.3	

26/12

5/12 to 26/12

17/12 to

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ASSISTANT ENGINEER

ASSISTANT EXECUTIVE ENGINEER

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

RUDRAPRASAD CONSULTANTS BANGALORE

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF MARRIAGE COMMUNITY HALL

MEASUREMENT SHEET - 2ND & Part Bill

Agency	Sri H.V.Onkarappa Class-1 PWD Contractor,#27,Taralabalu Enclave,Near Police Station,Yelahanka,Bangalore-64

Measurements		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Chainage									
From	To								
		B5	cum	1	0.2	0.6	2.5	0.3	
		C1	cum	1	0.2	0.5	2.5	0.3	
		C5	cum	1	0.2	0.5	2.5	0.3	
		C5	cum	1	0.2	0.5	2.5	0.3	
		D1	cum	1	0.2	0.6	2.5	0.3	
		D2	cum	1	0.2	0.6	2.5	0.3	
		D3	cum	1	0.2	0.6	2.5	0.3	
		D4	cum	1	0.2	0.6	2.5	0.3	
		D5	cum	1	0.2	0.6	2.5	0.3	
		E1	cum	1	0.2	0.5	2.5	0.3	
		E2	cum	1	0.2	0.5	2.5	0.3	
		E3	cum	1	0.2	0.5	2.5	0.3	
		E4	cum	1	0.2	0.5	2.5	0.3	
		E5	cum	1	0.2	0.5	2.5	0.3	
		B6	cum	1	0.13		2.5	0.3	
		C6	cum	2	0.13		2.5	0.6	
		D6	cum	1	0.13		2.5	0.3	
		roof slab							
		bottom of roof slab	cum	1	21.05	19.00	0.11	43.99	
		deductions							
		for staircase	cum	1	3.60	3.30	0.11	-1.31	
		Staircase							
		Waist slab	cum	2	1.20	2.40	0.20	1.152	
			cum	1	1.20	0.60	0.20	0.144	
		Rise and threads	cum	20	1.20		0.02	0.54	
				triangular area 0.5*0.3*0.15=0.022					
		landing	cum	2	1.20	1.20	0.15	0.432	
		Lintels							
		Through Lintel							
		Along grid 1-1	cum	1	21.05	0.20	0.200	0.84	
		Along grid 4-4	cum	1	21.05	0.20	0.200	0.84	
		Along Grid A1-E1	cum	1	19.10	0.20	0.200	0.8	
		Along Grid A5-E5	cum	1	19.10	0.20	0.200	0.8	
		Deductions							

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Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK :CONSTRUCTION OF MARRIAGE COMMUNITY HALL

MEASUREMENT SHEET - 2ND & Part Bill

Agency		Sri H.V.Onkarappa Class-1 PWD Contractor,#27,Taralabalu Enclave,Near Police Station,Yelahanka,Bangalore-64							
Measurements		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
Chainage									
From	To								
		Column							
		Along Grid 1-1	cum	4	0.20	0.20	0.20	-0.03	
		Along Grid 4-4	cum	4	0.20	0.20	0.20	-0.03	
		Along Grid A1-E1	cum	4	0.60	0.20	0.20	-0.10	
		Along Grid A5-E5	cum	5	0.60	0.20	0.20	-0.12	
		Cut lintel							
		D1	cum	7	1.2	0.2	0.2	0.336	
		D2	cum	7	1.05	0.2	0.2	0.294	
							Total	89.15	

Checked
UB: 26/12

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